

From: LuAnn Koch <LuAnnKoch@savageservices.com>
To: "daronhaddock@utah.gov" <daronhaddock@utah.gov>
Date: 3/26/2012 9:43 AM
Subject: Annual Report for 2011 - Savage Services Corporation
Attachments: Scan1232.pdf

Please find attached the electronic copy of the Annual report for Savag3e Coal Terminal for 2011.

Thank you!

LuAnn Koch • Coordinator
P.O. Box 1001
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435-637-5664 Office • 435-637-3418 Fax •
www.savageservices.com<<http://www.savageservices.com>>

[<https://webmail.savageservices.com/dl/emailsignature/savage.gif>]

SAVAGE

Savage Services Corporation

Coal & Power Services Group

2025 East 5000 South

Box 1001

Price, UT 84501

(435) 637-5684

Fax (435) 637-3418

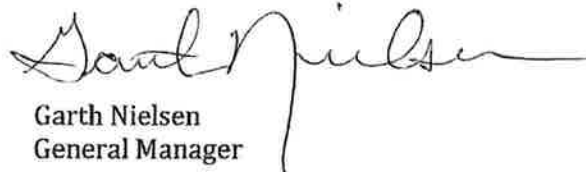
Mr. Daron Haddock
Coal Regulatory Program Manager
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Annual Report for 2011
Savage Services Corporation
Savage Coal Terminal
C/007/0022

Dear Mr. Haddock:

Enclosed is an electronic copy of the Annual Report for Savage Coal Terminal for 2011.
If you have any questions, or need additional information, please let me know.

Sincerely,



Garth Nielsen
General Manager

Cc: Dan Guy
File

[Print Form](#)[Submit by Email](#)[Reset Form](#)

Annual Report

This Annual Report shows information the Division has for your mine. Submit the completed document and any additional information identified in the Appendices to the Division by **March 30, 2012**. During a complete inspection an inspector will check and verify the information.

GENERAL INFORMATION

Company Name

Mine Name

Permit Number Permit expiration Date Operator Name

Phone Number

Mailing Address

Email

City

State

Zip Code

DOGM File Location or Annual Report Location

Excess Spoil Piles

☐ Required☒ Not Required

Refuse Piles

☒ Required☐ Not Required

Impoundments

☒ Required☐ Not Required

Other:

OPERATOR COMMENTS

REVIEWER COMMENTS

☐

Met Requirements

☐

Did Not meet Requirements

COMMITMENTS AND CONDITIONS

The Permittee is responsible for ensuring annual technical commitments in the Mining and Reclamation Plan and conditions accepted with the permit are completed throughout the year. The Division has identified these commitments below and has provided space for you to report what you have done during the past year for each commitment. If additional written response is required, it should be filed as an attachment to this report.

Title: NOXIOUS WEED CONTROL

Objective: To control invasive species in and adjacent to the disturbed area. The permittee should obtain a list of noxious weeds from the county and invasive species from DWR.

Frequency: Ongoing treatment. Report annually

Status: Ongoing

Reports: Summarize treatment in Annual report.

Citation: MRP, Volume 1, Section 3.4.5.4 or .5, page 3-62a

Operator Comments

Removal of Tamarisk and Russian Olive in 2010. No new removal in 2011.

Reviewer Comments

☐

Met Requirements

☐

Did Not Meet Requirements

FUTURE COMMITMENTS AND CONDITIONS

The following commitments are not required for the current annual report year, but will be required by the permittee in the future as indicated by the "status" field. These commitments are included for information only, and do not currently require action. If you feel that the commitment is no longer relevant or needs to be revised, please contact the Division.

Title: WASTE STREAM FROM PROCESSING PLANT

Objective: Provide documentation of chemical characteristics of process waste returned to site through analysis of parameters.

Frequency: Sample every 5,000 tons returned to site.

Status: Ongoing, report required if waste is returned to site. Or, state if reported in Dugout Annual Report.

Reports: Submit Laboratory analysis sheets with annual report.

Citation: MRP, Volume 1, Chapter 5, Appendix 5-2.

Title: FINAL RECLAMATION SOIL TESTING

Objective: To ensure vegetation establishment

Frequency: At final reclamation

Status: At reclamation

Reports: Discussions with DOGM and laboratory analysis reporting required at final reclamation.

Citation: MRP, Volume 1, Chapter 5, Section 542.200, page 50

Title: SEALING OF WELLS

Objective: Permanent closure of wells using measures required by DOGM to prevent access and prevent contamination of ground water.

Frequency: Seal wells when no longer needed.

Status: Ongoing

Reports: Report status when mining is terminated or wells are no longer needed.

Citation: MRP, Volume 2, Chapter 6, Section 631, page 5, and Volume 1, Chapter 5, page 46.

OPERATOR COMMENTS (OPTIONAL)

N/A

REVIEWER COMMENTS

REPORTING OF OTHER TECHNICAL DATA

Please list other technical data or information that was not included in the form above, but is required under the approved plan, which must be periodically submitted to the Division.

Please list attachments:

N/A

Reviewer Comments

MAPS

Copies of mine maps, current and up-to-date through at least December 31, 2011, are to be provided to the Division as an attachment to this report in accordance with the requirements of R645-301-525.240. The map copies shall be made in accordance with 30 CFR 75.1200 as required by MSHA. Mine maps are not considered confidential.

Map Name	Map Number	Included		Confidential	
		Yes	No	Yes	No
N/A		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Reviewer Comments ☐ Met Requirements ☐ Did Not Meet Requirements

2011 Annual Report

Appendix A

Certified Reports

Refuse Pile Inspections

Annual Impoundment Inspections

**SAVAGE COAL TERMINAL
REFUSE PILE INSPECTION REPORT**

MSHA SITE: *1211-UT-09-01444-01 **QUARTER:** 1-2011

ITEM	REMARKS
(1) Potential Safety Hazards	None Noted. No Water Impoundment.
(2) Slope Stability	Slopes appear stable.
(3) Removal of Topsoil/Organics.	N/A - No removal necessary.
(4) Construction and Maintenance Performance Standards.	Ditches - O.K. No Berms Needed - No Top Area.
(5) Recommendations/Comments.	Sign - O.K. Continuing to Load Out Pile from South and West End.

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.



Dan W. Guy 3/29/11
(Signature/Date)

**SAVAGE COAL TERMINAL
REFUSE PILE INSPECTION REPORT**

MSHA SITE: *1211-UT-09-01444-01 QUARTER: 2-2011

ITEM	REMARKS
(1) Potential Safety Hazards	None Noted. No Water Impoundment.
(2) Slope Stability	Slopes appear stable.
(3) Removal of Topsoil/Organics.	N/A - No removal necessary.
(4) Construction and Maintenance Performance Standards.	Ditches - O.K. No Berms Needed - No Top Area.
(5) Recommendations/Comments.	Sign - O.K. Continuing to Load Out Pile from West End.

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.



Dan W. Guy 6/30/11
(Signature/Date)

**SAVAGE COAL TERMINAL
REFUSE PILE INSPECTION REPORT**

MSHA SITE: *1211-UT-09-01444-01 QUARTER: 3-2011

ITEM	REMARKS
(1) Potential Safety Hazards	None Noted. No Water Impoundment.
(2) Slope Stability	Slopes appear stable.
(3) Removal of Topsoil/Organics.	N/A - No removal necessary.
(4) Construction and Maintenance Performance Standards.	Ditches - O.K. No Berms Needed - No Top Area.
(5) Recommendations/Comments.	Sign - O.K. Continuing to Load Out Pile from West End.

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.



Dan W. Guy 9/15/11
(Signature/Date)

**SAVAGE COAL TERMINAL
REFUSE PILE INSPECTION REPORT**

MSHA SITE: *1211-UT-09-01444-01 QUARTER: 4-2011

ITEM	REMARKS
(1) Potential Safety Hazards	None Noted. No Water Impoundment.
(2) Slope Stability	Slopes appear stable.
(3) Removal of Topsoil/Organics.	N/A - No removal necessary.
(4) Construction and Maintenance Performance Standards.	Ditches - O.K. No Berms Needed - No Top Area.
(5) Recommendations/Comments.	Sign - O.K. Continuing to Load Out Pile from West End.

I have performed the above inspection on this refuse pile and do hereby certify it to be a true and accurate representation of the pile at this time.



Dan W. Guy 10/16/11

(Signature/Date)

**SAVAGE SERVICES CORPORATION
2011 ANNUAL IMPOUNDMENT INSPECTION REPORT**

POND: Settling Pond #1 **LOCATION:** Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	Full of Water & Coal.
(5) Existing Storage Capacity	N/A
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	N/A
(8) Sediment Cleanout Level (Elevation)	N/A
(9) Principle Spillway (Elevation)	N/A
(10) Emergency Spillway (Elevation)	N/A
(11) Existing Sediment Capacity (To Cleanout)	N/A

GENERAL	
(12) Comments/Recommendations	Not a Sediment Pond. Cleaned in Aug. 2011. Water Flowing to Pond #2.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

09/15/11
(Date)



**SAVAGE SERVICES CORPORATION
2011 ANNUAL IMPOUNDMENT INSPECTION REPORT**

POND: Settling Pond #2 **LOCATION:** Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	2' Water.
(5) Existing Storage Capacity	N/A
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	N/A
(8) Sediment Cleanout Level (Elevation)	N/A
(9) Principle Spillway (Elevation)	N/A
(10) Emergency Spillway (Elevation)	N/A
(11) Existing Sediment Capacity (To Cleanout)	N/A

GENERAL	
(12) Comments/Recommendations	Not a Sediment Pond. Inflow from Pond #1.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

09/15/11
(Date)



**SAVAGE SERVICES CORPORATION
2011 ANNUAL IMPOUNDMENT INSPECTION REPORT**

POND: Settling Pond #3 **LOCATION:** Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	Full of Coal.
(5) Existing Storage Capacity	N/A
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	N/A
(8) Sediment Cleanout Level (Elevation)	N/A
(9) Principle Spillway (Elevation)	N/A
(10) Emergency Spillway (Elevation)	N/A
(11) Existing Sediment Capacity (To Cleanout)	N/A

GENERAL	
(12) Comments/Recommendations	Not a Sediment Pond. Scheduled for Cleaning.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

09/15/11
(Date)



**SAVAGE SERVICES CORPORATION
2011 ANNUAL IMPOUNDMENT INSPECTION REPORT**

POND: Settling Pond #4 **LOCATION:** Savage Coal Terminal


IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	Nearly Full of Water.
(5) Existing Storage Capacity	N/A
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	N/A
(8) Sediment Cleanout Level (Elevation)	N/A
(9) Principle Spillway (Elevation)	N/A
(10) Emergency Spillway (Elevation)	N/A
(11) Existing Sediment Capacity (To Cleanout)	N/A

GENERAL	
(12) Comments/Recommendations	Not a Sediment Pond.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

09/15/11
(Date)



**SAVAGE SERVICES CORPORATION
2011 ANNUAL POND INSPECTION REPORT**

POND: Sediment Pond 1

LOCATION: Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	2.5' Water.
(5) Existing Storage Capacity	1.03 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5485.00
(8) Sediment Cleanout Level (Elevation)	5487.20
(9) Principle Spillway (Elevation)	5491.80
(10) Emergency Spillway (Elevation)	5491.80
(11) Existing Sediment Capacity (To Cleanout)	0.37 acre feet.

GENERAL	
(12) Comments/Recommendations	No Discharge.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

09/15/11
(Date)



**SAVAGE SERVICES CORPORATION
2011 ANNUAL POND INSPECTION REPORT**

POND: Sediment Pond 2 **LOCATION:** Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	12" Water.
(5) Existing Storage Capacity	0.79 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5484.60
(8) Sediment Cleanout Level (Elevation)	5485.50
(9) Principle Spillway (Elevation)	5492.30
(10) Emergency Spillway (Elevation)	5492.30
(11) Existing Sediment Capacity (To Cleanout)	0.13 acre feet.

GENERAL	
(12) Comments/Recommendations	No Discharge.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

09/15/11
(Date)



**SAVAGE SERVICES CORPORATION
2011 ANNUAL POND INSPECTION REPORT**

POND: Sediment Pond 3

LOCATION: Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	3' Water.
(5) Existing Storage Capacity	0.65 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5483.80
(8) Sediment Cleanout Level (Elevation)	5484.80
(9) Principle Spillway (Elevation)	5491.40
(10) Emergency Spillway (Elevation)	5491.40
(11) Existing Sediment Capacity (To Cleanout)	0.11acre feet.

GENERAL	
(12) Comments/Recommendations	No Discharge.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

09/15/11
(Date)



**SAVAGE SERVICES CORPORATION
2011 ANNUAL POND INSPECTION REPORT**

POND: Sediment Pond 5 **LOCATION:** Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	12" Water.
(5) Existing Storage Capacity	3.94 acre feet.
(6) Monitoring Procedures	Quarterly Inspection.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5473.50
(8) Sediment Cleanout Level (Elevation)	5475.20
(9) Principle Spillway (Elevation)	5482.00
(10) Emergency Spillway (Elevation)	5482.00
(11) Existing Sediment Capacity (To Cleanout)	0.40 acre feet.

GENERAL	
(12) Comments/Recommendations	No Discharge.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

09/15/11
(Date)



**SAVAGE SERVICES CORPORATION
2011 ANNUAL POND INSPECTION REPORT**

POND: Sediment Pond 6

LOCATION: Savage Coal Terminal

IMPOUNDMENTS	
(1) Stability	Slopes Stable. Incised Pond
(2) Structural Weakness/Erosion	None Noted.
(3) Potential Safety Hazards	None Noted.
(4) Depth of Impounded Water	2.0' Water.
(5) Existing Storage Capacity	1.67 acre feet.
(6) Monitoring Procedures	Quarterly Inspection. U.P.D.E.S. Discharge.

SEDIMENT PONDS ONLY	
(7) Sediment Accumulation (Elevation)	5473.20
(8) Sediment Cleanout Level (Elevation)	5474.70
(9) Principle Spillway (Elevation)	5480.30
(10) Emergency Spillway (Elevation)	5480.30
(11) Existing Sediment Capacity (To Cleanout)	0.30 acre feet.

GENERAL	
(12) Comments/Recommendations	No Discharge. Pond Cleaned in July 2011.

STATEMENT

I hereby certify that; I am experienced in the construction of impoundments; I am qualified and authorized in the State of Utah to inspect and certify the condition and appearance of impoundments in accordance with the certified and approved designs for this structure; that the impoundment has been maintained in accordance with approved design and meets or exceeds the minimum design requirements under all applicable federal, state and local regulations; and, that inspections and inspection reports are made by myself and include any appearances of instability, structural weakness or other hazardous conditions of the structure affecting stability.


(Signature)

09/15/11
(Date)

